



<b>INFORMATION DISCLOSURE STATEMENT</b> <i>#12</i>		ATTY. DOCKET NO. 0652.2290001/EKS/Y-W	APPLICATION NO. 10/051,311
		APPLICANT Peters et al.	FILING DATE January 22, 2002
		GROUP 1651	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CDJ	AL1 WO 95/15749	06/15/1995	WIPO			Yes No
	AM1 WO 98/27994	07/02/1998	WIPO			Yes No
	AN1 WO 98/49190	11/05/1998	WIPO			Yes No
↓	A01 WO 00/48627	08/24/2000	WIPO			Yes No
	AP1					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CDJ	AR	1	Ambrose, W.P., et al., "Detection System for Reaction-Rate Analysis in a Low-Volume Proteinase-Inhibition Assay," <i>Anal. Biochem.</i> 263:150-157, Academic Press (1998)
	AS	1	Barrett, A.J. and Kirschke, H., "Cathepsin B, Cathepsin H, and Cathepsin L," <i>Methods Enzym.</i> 80:535-561, Academic Press (1981)
	AT	1	Brown, A.M., et al., "Biotinylated and Cysteine-Modified Peptides as Useful Reagents for Studying the Inhibition of Cathepsin G," <i>Anal. Biochem.</i> 217:139-147, Academic Press (1994)

 EXAMINER *Christina L. Janda*

 DATE CONSIDERED  
10/15/03

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AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CDZ	AR	2	Buonomo, S.B.C., et al., "Disjunction of Homologous Chromosomes in Meiosis I Depends on Proteolytic Cleavage of the Meiotic Cohesion Rec8 by Separin," <i>Cell</i> 103:387-398, Cell Press (October 2000)
	AS	2	Cerretani, M., et al., "A High-Throughput Radiometric Assay for Hepatitis C Virus NS3 Protease," <i>Anal. Biochem.</i> 266:192-197, Academic Press (1999)
	AT	2	Ciosk, R., et al., "An ESP1/PDS1 Complex Regulates Loss of Sister Chromatid Cohesion at the Metaphase to Anaphase Transition in Yeast," <i>Cell</i> 93:1067-1076, Cell Press (1998)

EXAMINER

*Christa J. Vande*

DATE CONSIDERED

*10/15/03*

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AN						Yes No
AO						Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CD2	AR	3	Clark, D.A., et al., "Protease Inhibitors Suppress In Vitro Growth of Human Small Cell Lung Cancer," <i>Peptides</i> 14:1021-1028, Pergamon Press (1993)
	AS	3	Elbashir, S.M., et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> 411:494-498, Nature Publishing Company (May 2001)
	AT	3	Faleiro, L., et al., "Multiple species of CPP32 and Mch2 are the major active caspases present in apoptotic cells," <i>EMBO J.</i> 16:2271-2281, Oxford University Press (1997)

EXAMINER	<i>Amelia T. Wende</i>	DATE CONSIDERED	<i>10/15/03</i>
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CFJ	AR	4	Gershkovich, A.A. and Kholodovych, V.V., "Fluorogenic substrates for proteases based on intramolecular fluorescence energy transfer (IFETS)," <i>J. Biochem. Biophys. Methods</i> 33:135-162, Elsevier Science B.V. (1996)
	AS	4	Gmachl, M., et al., "The RING-H2 finger protein APC11 and the E2 enzyme UBC4 are sufficient to ubiquitinate substrates of the anaphase-promoting complex," <i>Proc. Natl. Acad. Sci. USA</i> 97:8973-8978, National Academy of Sciences (August 2000)
	AT	4	Gray, N.M., et al., "Discovery and Analysis of a Series of C <sub>2</sub> -Symmetric HIV-1 Proteinase Inhibitors Derived from Penicillin," <i>Anal. Biochem.</i> 216:89-96, Academic Press (1994)

EXAMINER

Chester T. Fonda

DATE CONSIDERED

10/15/03

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CJH	AR	5	Griffin, D.K., et al., "Sex Ratio in Normal and Disomic Sperm: Evidence That the Extra Chromosome 21 Preferentially Segregates with Y Chromosome," Am. J. Hum. Genet. 59:1108-1113, The University of Chicago Press (1996)
	AS	5	Hauf, S., et al., "Cohesion Cleavage by Separase Required for Anaphase and Cytokinesis in Human Cells," Science 293:1320-1323, The American Association for the Advancement of Science (August 2001)
	AT	5	Jolley, M.E., "Fluorescence Polarization Assays for the Detection of Proteases and Their Inhibitors," J. Biomol. Scr. 1:33-38, Mary Ann Liebert, Inc. (1996)

 EXAMINER *Christina L. Fronde*

 DATE CONSIDERED *10/15/02*

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CDZ	AR	6	Lee, I.A., et al., "Cloning and Expression of Human cDNA Encoding Human Homologue of Pituitary Tumor Transforming Gene," <i>Biochem. Mol. Biol. Int'l.</i> 47:891-897, Taylor & Francis (1999)
	AS	6	Levine, L.M., et al., "Measurement of Specific Protease Activity Utilizing Fluorescence Polarization," <i>Anal. Biochem.</i> 247:83-88, Academic Press (1997)
	AT	6	Lewis, J.D. and Tollervey, D., "Like Attracts Like: Getting RNA Processing Together in the Nucleus," <i>Science</i> 288:1385, The American Association for the Advancement of Science (May 2000)

 EXAMINER *Chasity L. Sonde*

 DATE CONSIDERED  
01/15/03

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CDJ	AR	Z	Matayoshi, E.D., et al., "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer," <i>Science</i> 247:954-958, The American Association for the Advancement of Science (1990)
	AS	Z	Murray, M.G., et al., "Inactivation of a yeast transactivator by the fused HIV-1 proteinase: a simple assay for inhibitors of the viral enzyme activity," <i>Gene</i> 134:123-128, Elsevier Science Publishers B.V. (1993)
	AT	Z	Nasmyth, K., et al., "Splitting the Chromosome: Cutting the Ties That Bind Sister Chromatids," <i>Science</i> 288:1379-1384, The American Association for the Advancement of Science (May 2000)

 EXAMINER *Christa L. Jande*

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<i>CJD</i>	AR	8	Sarubbi, E., et al., "A high throughput assay for inhibitors of HIV-1 protease. Screening of microbial metabolites," FEBS 279:265-269, Elsevier Science Publishers B.V. (1991)
	AS	8	Singh, J., et al., "Lead Development: Validation and Application of High Throughput Screening for Determination of Pharmacokinetic Parameters for Enzyme Inhibitors," Bioorg. Med. Chem. 4:639-643, Pergamon Press (1996)
	AT	8	Stebbins, J. and Debouck, C., "A Microtiter Colorimetric Assay for the HIV-1 Protease," Anal. Biochem. 248:246-250, Academic Press (1997)

 EXAMINER *Christina L. Fonde*

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CJZ	AR	9	Taliani, M., et al., "A Continuous Assay of Hepatitis C Virus Protease Based on Resonance Energy Transfer Depsipeptide Substrates," <i>Anal. Biochem.</i> 240:60-67, Academic Press (1996)
	AS	9	Uhlmann, F., et al., "Cleavage of Cohesion by the CD Clan Protease Separin Triggers Anaphase in Yeast," <i>Cell</i> 103:375-386, Cell Press (October 2000)
	AT	9	Uhlmann, F., et al., "Sister-chromatid separation at anaphase onset is promoted by cleavage of the cohesin subunit Scc1," <i>Nature</i> 400:37-42, Nature Publishing Company (1999)

 EXAMINER *Chasita T. Mandre*

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AR 10 <i>C77</i>	Waizenegger, I.C., "Two Distinct Pathways Remove Mammalian Cohesin from Chromosome Arms in Prophase and from Centromeres in Anaphase," <i>Cell</i> 103:399-410, Cell Press (October 2000)							
AS 10	Zhang, X., et al., "Pituitary Tumor Transforming Gene (PTTG) Expression in Pituitary Adenomas," <i>J. Clin. Endocrinol. Metab.</i> 84:761-767, The Endocrine Society (1999)							
AT 10	Zimmerman, M., et al., "Sensitive Assays for Trypsin, Elastase, and Chymotrypsin Using New Fluorogenic Substrates," <i>Anal. Biochem.</i> 78:47-51, Academic Press (1977)							
EXAMINER <i>Christie F. Wende</i>					DATE CONSIDERED <i>10/15/03</i>			
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<i>C07</i>	AR	11	EMBL Entry, Accession No. D79987, from Nagase T., et al., (1995)
	AS	11	Pending Non-Provisional U.S. Patent Application No. 09/500,991, Uhlmann et al., filed February 15, 2000
	AT	11	

EXAMINER

*Charles J. Ronde*

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